Vigor2910 Series Dual-WAN Security Router

Broadband

- 2nd WAN Port for load-balancing or backup fail-over
- Flexible traffic management optimizes your bandwidth
- Robust firewall prevents external attacks and provides Internet access policies
- Comprehensive VPN facilities provide easy deployment of linked branch offices and teleworkers
- Super G™ supports up to 108Mbps wireless connection speed (G models only)
- Voice over IP capabilities with twin phone ports (V models only)
- ISDN Interface for dial-backup or remote access (i models only)

The Vigor2910 provides a configurable second WAN Ethernet interface. This supports either policy-based load-balancing between two WAN feeds, or WAN backup in the event of a failure in your primary Internet feed.

Security is the Vigor2910' s major strength with multiple levels of firewalling at both the IP and application layers. Protection against malicious attacks as well as user policy enforcement are all covered with highly flexible multiple-approach methods.

QoS (Quality of Service) optimizes the use of your bandwidth and serves for the original IP layer, and it also supports NAT session/ bandwidth management which greatly enhances the efficiency of bandwidth use.

The 'G' models allow the wireless connection rate of up to 108Mbps with Super G™ technology and offer comprehensive security features. In addition to WEP/WPA/WPA2 encryption and MAC Address client Control, the router also supports Wireless VLAN, 802.1X authentication and Wireless VLAN isolation.

Voice-over-IP (VoIP) is extensively supported ('V' models only) with providing two separate phone ports and multiple SIP registrars with highly flexible configuration and call handling options.

Dual-WAN

- Outbound Policy-Based Load-Balance
- BoD (Bandwidth on Demand)
- WAN Connection Fail-over

Wireless Access Point (for G model)

- IEEE802.11b/g Compliant
- Super G™ 108Mbps
- Wireless Client List
- Access Point Discovery
- WDS (Wireless Distribution System)
- Wireless LAN Isolation
- Wireless Rate Control
- 64/128-bit WEP
- WPA/WPA2
- 802.1x Authentication with RADIUS Client
- Hidden SSID
- MAC Address Access Control
- Wireless VLAN

VoIP (for V model)

- Protocol: SIP, RTP/RTCP
- Six SIP Registrars
- G.168 Line Echo-Cancellation
- Automatic Gain Control
- Jitter Buffer (125ms)
- Codec Feature:
  - G.711 A/u Law
  - G.723.1
  - G.726
  - G.729 A/B
  - VAD/CNG
- Tone Generation and Detection: DTMF, Dial, Busy, Ring Back, Call Progress
- FAX/Modem Support :
  - G.711 Pass-through
  - T.38 for FAX
- Supplemental Services :
  - Call Hold/Retrieve
  - Call Waiting
  - Call Transfer
  - Call Forwarding (Always, Busy and No Answer)
  - DND (Do not Disturb)
  - Hotline
- ISDN Loop-Through (VGi model only)
- ISDN On-net/Off-net (VGi model only)

Firewall

- CSM (Content Security Management) for IM/ P2P Application
- Multi-NAT, DMZ Host, Port Redirection and Open Port
- Policy-Based IP Packet Filter
- DoS/DDoS Prevention
- IP Address Anti-Spoofing
- E-Mail Alert and Logging via Syslog
- Bind IP to MAC Address

WAN Protocol

- DHCP Client
- Static IP
- PPPoE
- PPTP
- L2TP*
- BPA

* Firmware Upgradeable

DrayTek

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Broadband

Content Filter
- URL Keyword Blocking (White List and Black List)
- Java Applet, Cookies, Active X, Compressed, Executable, Multimedia File Blocking
- Web Content Filter (SurfControl)
- Time Schedule Control

VPN
- Up to 32 VPN Tunnels
- Protocol : PPTP, IPSec, L2TP, L2TP over IPSec
- Encryption : AES, MPPE and Hardware-Based DES/3DES
- Authentication : MD5, SHA-1
- IKE Authentication : Pre-shared Key and Digital Signature (X.509)
- LAN-to-LAN, Teleworker-to-LAN
- DHCP over IPSec
- NAT-Traversal (NAT-T)
- Dead Peer Detection (DPD)
- VPN Pass-Through

Network Management
- Web-Based User Interface (HTTP/HTTPS)
- Quick Start Wizard
- CLI (Command Line Interface, Telnet/SSH*)
- Administration Access Control
- Configuration Backup/Restore
- Built-in Diagnostic Function
- Firmware Upgrade via TFTP/FTP
- Logging via Syslog
- SNMP Management with MIB-II

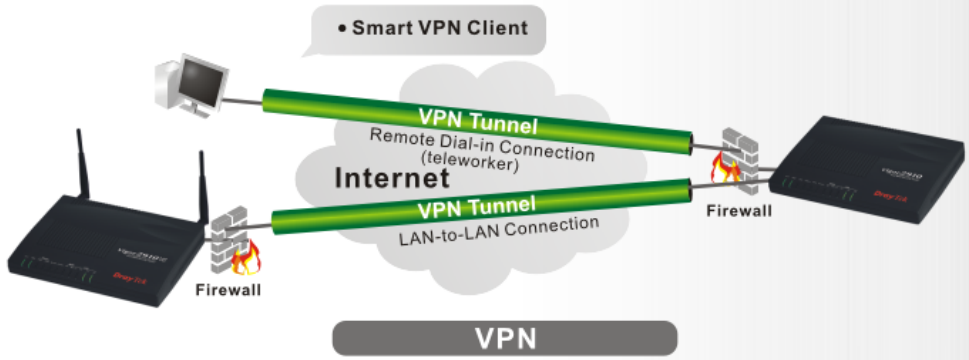
ISDN (for i model)
- Euro ISDN Compatible
- Automatic ISDN Backup
- Support 64/128Kbps (Multilink-PPP)/ BOD (Bandwidth on Demand)
- Remote Dial-In/LAN-to-LAN Connection
- Remote Activation
- Virtual TA

Bandwidth Management
- Guarantee Bandwidth for VoIP
- Class-based Bandwidth Guarantee by User-Defined Traffic Categories
- DiffServ Code Point Classifying
- 4-level Priority for Each Direction (Inbound/Outbound)
- Bandwidth Borrowed
- Bandwidth/Session Limitation

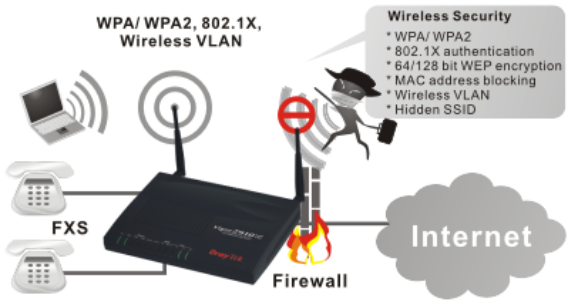
Network Features
- DHCP Client/Relay/Server
- Dynamic DNS
- NTP Client
- Call Scheduling
- RADIUS Client
- DNS Cache/Proxy
- UPnP
- Port-Based VLAN
- Configurable WAN2
- Routing Protocol:
  - Static Routing
  - RIP V2

Model Comparison Chart

	VoIP	ISDN	Wireless AP
Vigor2910	—	—	—
Vigor2910i	—	◉	—
Vigor2910G	—	—	◉
Vigor2910V	◉	—	—
Vigor2910VG	◉	—	◉
Vigor2910VGi	◉	◉	◉



VPN



Router Connection

Dual-WAN: Load-balance & Fail-over

Dual-WAN

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